

Alaska

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	1,174	453,928	49	Total R&D performance, 1995 (millions)	\$163	\$177,210	47
Doctoral engineers, 1995	149	86,738	49	Industry R&D, 1995 (millions)	\$30	\$130,332	46
S&E doctorates awarded, 1996	28	27,230	51	Academic R&D, 1996 (millions)	\$71	\$22,481	45
of which, in life sciences	46%	25%		of which, in environmental sciences	45%	6%	
in environmental sciences	25%	3%		in life sciences	26%	56%	
in physical sciences	14%	14%		in physical sciences	19%	10%	
S&E postdoctorates, 1996	5	37,019	52	Higher education current-fund expenditures, 1995 (millions)	\$356	\$182,602	50
in doctorate-granting institutions							
S&E graduate students, 1996	587	430,631	52	Number of SBIR awards, 1990-1997	15	31,155	50
in doctorate-granting institutions				Patents issued to state residents, 1997	46	61,699	49
Population, 1997 (000s)	609	271,464	49	Gross state product, 1996 (billions)	\$24.2	\$7,677.4	47
Civilian labor force, 1997 (000s)	316	137,564	50	of which, agriculture	1%	2%	
Personal income per capita, 1997	\$25,305	\$25,598	20	manufacturing, mining, construction	31%	23%	
Federal spending				transportation, communication, utilities	16%	8%	
Total expenditures, 1997 (millions)	\$4,701	\$1,405,060	47	wholesale and retail trade	9%	16%	
R&D obligations, 1996 (millions)	\$93	\$66,087	42	finance, insurance, real estate	11%	19%	
				services	12%	20%	
				government	20%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	93,334	57,988	0	8,813	23,392	800	2,341	42
Department of Agriculture	6,708	4,907	0	0	1,791	0	10	41
Department of Commerce	34,135	29,258	0	0	4,121	0	756	8
Department of Defense	10,150	1,626	0	7,874	650	0	0	45
Department of Energy	98	0	0	0	98	0	0	51
Dept. of Health & Human Services	2,185	0	0	10	1,807	100	268	50
Department of Interior	24,786	22,197	0	209	1,770	0	610	4
Department of Transportation	697	0	0	0	0	0	697	42
Environmental Protection Agency	15	0	0	0	15	0	0	48
Nat'l Aeronautics & Space Admin.	7,037	0	0	0	6,987	50	0	33
National Science Foundation	7,523	0	0	720	6,153	650	0	43
State rank	42	29	na	44	45	50	25	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable